

Amendments to the Claims:

The following listing of claims replaces all other versions of claims previously presented.

Listing of Claims:

1 (Currently Amended): A secondary battery comprising: a positive electrode; a negative electrode; a porous electron-insulating layer adhered to a surface of at least one selected from the group consisting of said positive electrode and said negative electrode; and an electrolyte,

wherein said porous electron-insulating layer comprises a particulate filler and a resin binder, and said particulate filler substantially comprises an indefinite-shape particle, comprising a plurality of single crystalline particles, which has the shape of dendrites, grape clusters, or coral, said shape having a neck, wherein said neck is formed between at least a pair of said single crystalline particles, said neck comprising the same material as said single crystalline particles,

wherein said porous electron-insulating layer has a porosity of 50% or more.

2 (Canceled)

3 (Canceled)

4 (Previously Presented): The secondary battery in accordance with claim 1, wherein said indefinite-shape particle comprises a plurality of primary particles bonded to each other, and said indefinite-shape particle has a mean particle size that is twice or more than the mean particle size of said primary particles and not more than 10 μm .

5 (Previously Presented): The secondary battery in accordance with claim 1, wherein said indefinite-shape particle comprises a metal oxide.

6 (Previously Presented): The secondary battery in accordance with claim 5, wherein said particulate filler further comprises resin fine particles.

7 (Previously Presented): The secondary battery in accordance with claim 1, wherein said resin binder comprises a polyacrylic acid.

8 (Original): The secondary battery in accordance with claim 1, wherein said positive electrode comprises a composite lithium oxide, said negative electrode comprises a material capable of charging and discharging lithium, and said electrolyte comprises a non-aqueous solvent and a lithium salt dissolved in the non-aqueous solvent.

9 (Original): The secondary battery in accordance with claim 1, further comprising a separator sheet that is interposed between said positive electrode and said negative electrode, said separator sheet being independent of both said positive electrode and said negative electrode.

10-15 (Canceled)

16 (Currently Amended): A secondary battery comprising: a positive electrode; a negative electrode; a porous electron-insulating layer adhered to a surface of at least one selected from the group consisting of said positive electrode and said negative electrode; and an electrolyte,

wherein said porous electron-insulating layer comprises a particulate filler and a resin binder, and said particulate filler substantially comprises indefinite-shape particles, wherein said indefinite-shape particles are polycrystalline particles comprising a plurality of single crystalline particles that are diffusion bonded to each other, and a neck is formed between at least a pair of said single crystalline particles, said neck comprising the same material as said single crystalline particles,

wherein said porous electron-insulating layer has a porosity of 50% or more.

17 (Currently Amended): The secondary battery in accordance with claim 16, wherein said indefinite-shape particles have a mean particle size that is twice or more than ~~twice~~ the mean particle size of said single crystalline particles and not more than 10 μm .

18 (Previously Presented): The secondary battery in accordance with claim 16, wherein said indefinite-shape particles comprise a metal oxide.

19 (Previously Presented): The secondary battery in accordance with claim 18, wherein said particulate filler further comprises resin fine particles.

20 (Previously Presented): The secondary battery in accordance with claim 16, wherein said resin binder comprises a polyacrylic acid.

21 (Previously Presented): The secondary battery in accordance with claim 1, wherein said same material as said primary particles is a metal oxide.

22 (Previously Presented): The secondary battery in accordance with claim 1, wherein said indefinite-shape particles are adhered with said binder.

23-24 (Canceled)

25 (Previously Presented): The secondary battery in accordance with claim 16, wherein said indefinite-shape particles are adhered with said binder.

26 (Previously Presented): The secondary battery in accordance with claim 5, wherein said metal oxide comprises alumina particles.

27 (Previously Presented): The secondary battery in accordance with claim 18, wherein said metal oxide comprises alumina particles.